

# Energy Literacy Principles

**1** Energy is a physical quantity that follows precise natural laws.



**2** Physical processes on Earth are the result of energy flow through the Earth system



**3** Biological Processes depend on energy flow through the Earth System



**4** Various sources of energy can be used to power human activities, and often this energy must be transferred from source to destination.



**5** Energy decisions are influenced by economic, political, environmental, and social factors.



**6** The amount of energy used by human society depends on many factors.



**7** The quality of life of individuals and societies is affected by energy choices.



## Why Does Energy Literacy Matter?

A better understanding of energy can:

- lead to more informed decisions
- improve the security of a nation
- promote economic development
- lead to sustainable energy use
- reduce environmental risks and negative impacts
- help individuals and organizations save money